

HK SP CAE

Coil for solenoid-operated directional control valve HK DKE

Properties

| | |
|--------------------------|------------------------------------|
| Scope of supply | with O-ring |
| Corresponding connectors | HKSP664, HKSP666, HKSP667, HKSP668 |



Note

As far as AC coils are concerned, power input is considerably higher in the take-up phase than in the stopping phase. These must therefore never be operated without a magnet core since there is a danger of overheating and the coil can burn through. A similar effect occurs if valves with AC magnets are operated with extremely high pulse frequencies (On / Off). In such cases the coils, which are often in the vicinity of the high power input, can also overheat. For such applications the use of RC coils with rectifier plugs is recommended. With DC coils extremely high power spikes can occur during powering down. We therefore recommend the use of plugs with protective circuits when using such coils.
Tightening torque for attaching nuts of the solenoid coils: 3Nm

Ordering information

Other types of coil on request

| Item | | | | |
|-----------------|--------------------------|----------------|-------------------------------|-------------|
| Identification | Nominal voltage +/- 10 % | for valve type | Average power consumption (W) | Weight (kg) |
| HK SP CAE 12DC | 12 VDC | HK DKE DC | 36 | 1,10 |
| HK SP CAE 24DC | 24 VDC | HK DKE DC | 36 | 1,10 |
| HK SP CAE 230RC | 230 VRC | HK DKE DC | 36 | 0,52 |
| HK SP CAE 110AC | 110 VAC | HK DKE AC | 95 | 0,40 |
| HK SP CAE 230AC | 230 VAC | HK DKE AC | 95 | 0,40 |
| HK SP CAE 220DC | 230 VRC | HK DKE DC | 36 | 0,40 |

Accessories

HK SP DIN 43650 Electrical plug for solenoid coil DIN 43650 / ISO 4400

Spare part for following products

| | |
|----------------|---|
| HK DKE X 00 DC | Solenoid-operated directional control valve size10 without coil |
| HK DKE X 00 AC | Solenoid-operated directional control valve size10 without coil |